

RAYMOND ARCH CONSTRUCTION



Designed and Patented by
HAROLD RAYMOND
Registered Civil Engineer
415 Eighth Street
New Orleans, La.

Sole and Exclusive Fabricators
TODD-JOHNSON DRY DOCKS INC.
City Shop
415 Eighth Street
New Orleans, La.

FOREWORD

The Raymond Arch Construction, designed and patented by Mr. Harold Raymond, Registered Civil Engineer, has been developed during the past ten years according to sound recognized engineering principles. There are no empirical formulæ used and the design can be checked by any competent structural engineer.

The principles of this Arch Construction have been approved by every Engineer, Architect, Municipal Engineer and Federal Engineering Department where it has been submitted for approval. The design is flexible which permits its use to comply with any building code specifying stress values with stipulated loadings for wind, snow and superimposed loads.

The inherent features of the design in the Arch Construction result in a reduction of as much as 25% of the steel required with corresponding savings in cost, as compared with the usual truss designs in use.

The Raymond Arch Construction has been used in approximately three hundred various type build-

ings in Louisiana and Mississippi, such as Moisant International Airport, Teche Greyhound Bus Lines, numerous gymnasiums and auditoriums, etc.

The following pages illustrate a few typical examples of the many and varied uses to which the Raymond Arch Construction has been successfully adapted.

Todd-Johnson Dry Docks Inc., has recently acquired the sole fabricating rights for these patents throughout the United States. Todd-Johnson Dry Docks Inc. is an affiliate of Todd Shipyards Corporation, the largest drydocking and ship repair firm in the United States, with yards on all coasts. Fabrication will be carried on locally by Todd-Johnson at their City Shop, located at Tchoupitoulas and Eighth Streets.

Mr. Raymond will be pleased to go into the details of the design with anyone interested and to furnish technical data. Todd-Johnson Estimating Department will gladly furnish estimates on the fabrication of any size arch desired.

Inquiries should be addressed to either Mr. Harold Raymond, 415 Eighth Street, New Orleans, La., or Mr. D. A. Milan, Estimator, Todd-Johnson Dry Docks Inc., City Shop, Tchoupitoulas and Eighth Streets, New Orleans, La.



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RAYMOND ARCH CONSTRUCTION
GREYHOUND BUS TERMINAL, NEW ORLEANS, LA.



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RAYMOND ARCH CONSTRUCTION
GREYHOUND BUS LINES, GARAGE, NEW ORLEANS, LA.



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RAYMOND ARCH CONSTRUCTION
MOISANT INTERNATIONAL AIRPORT HANGAR
NEW ORLEANS, LA.



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RAYMOND ARCH CONSTRUCTION
SMITH'S CHEVROLET GARAGE, COVINGTON, LA.



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RAYMOND ARCH CONSTRUCTION
ST. JOSEPH'S ACADEMY, NEW ORLEANS, LA.



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RAYMOND ARCH CONSTRUCTION
ST. JOSEPH'S ACADEMY, NEW ORLEANS, LA. — AUDITORIUM



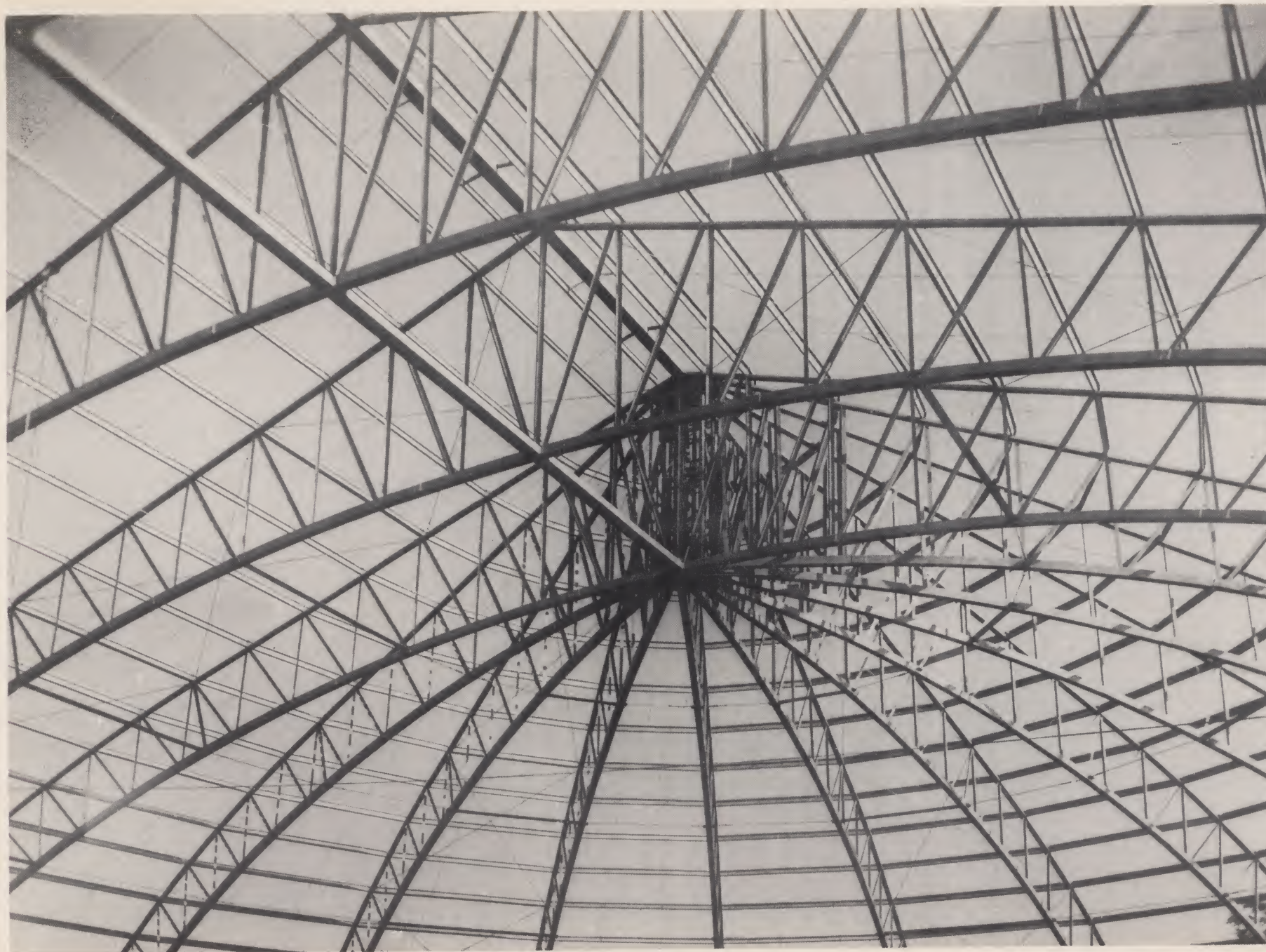
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RAYMOND ARCH CONSTRUCTION
LIVE STOCK PAVILION, LAFAYETTE, LA.



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RAYMOND ARCH CONSTRUCTION
LIVE STOCK PAVILION, LAFAYETTE, LA.
Load testing on one bay of 160 ft. span.



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RAYMOND ARCH CONSTRUCTION
LIVE STOCK PAVILION, LAFAYETTE, LA.
Hub of hemispherical end construction.



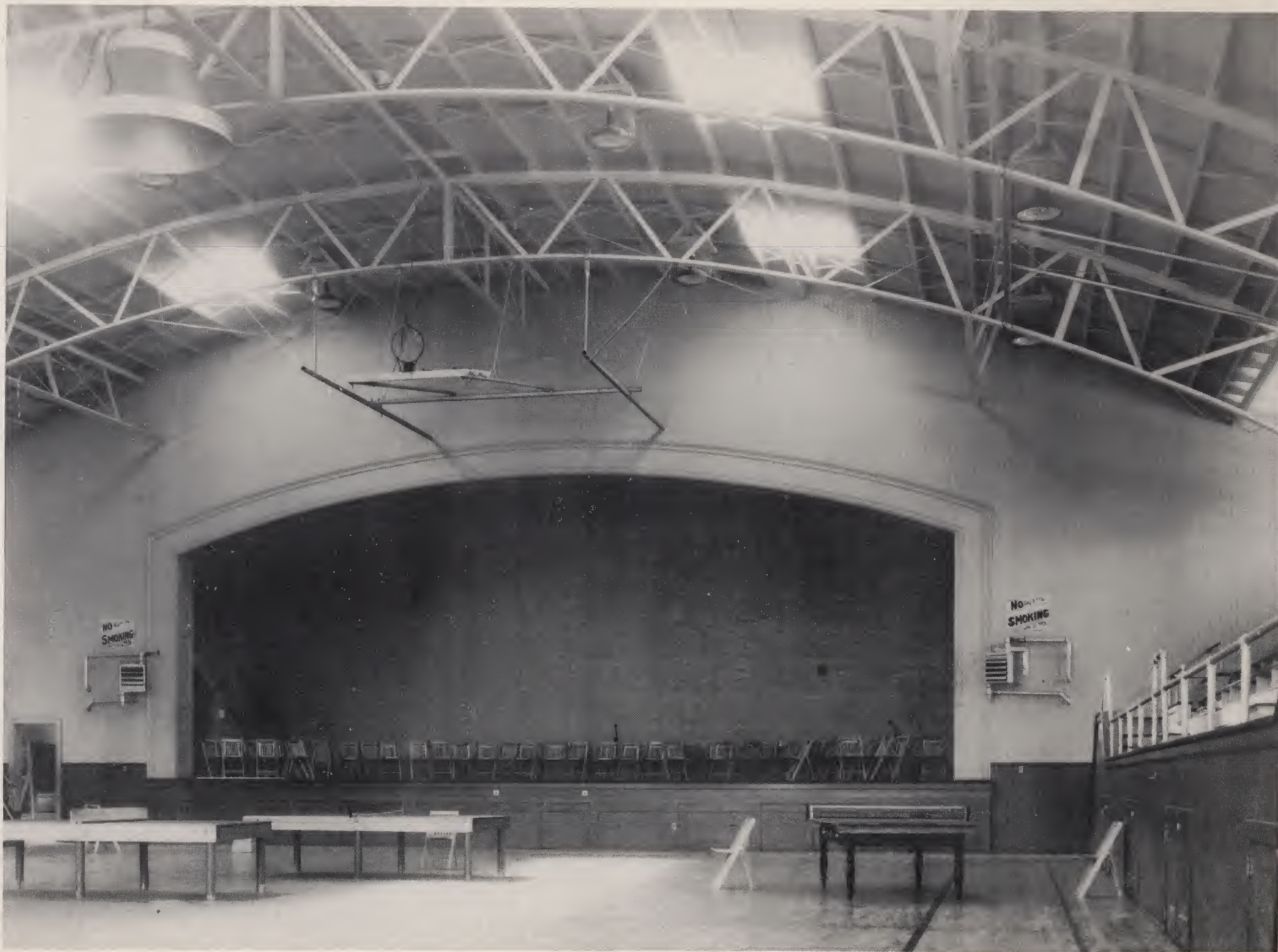
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RAYMOND ARCH CONSTRUCTION
WAREHOUSE, GODCHAUX SUGARS, RESERVE, LA.



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RAYMOND ARCH CONSTRUCTION
AUDITORIUM AND GYMNASIUM, SOUTHERN UNIVERSITY
SCOTLANDVILLE, LA.

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